

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph on page 4, lines 27-28 with the following amended paragraph:

[12] The monitor protein according to [1] wherein the processing cleavage region is SEQKQLQKRGFFGTGG (SEQ ID NO: 3).

Please replace the paragraph on page 7, line 31 through page 8, line 12 with the following amended paragraph:

In the present invention, the processing cleavage region is the region comprising the amino acid sequence capable of being recognized and cleaved by the processing enzyme, comprises one or more amino acids, and the amino acid sequence-thereof is changed depending on the type of the processing enzyme subjected to be monitored. For example, in the monitor protein represented by SEQ 1D NO: 2, PC1 which is the processing enzyme recognizes and cleaves a cleavage point, "KR", but the cleavage occurs at only the processing cleavage region although there are four "KR" in SEQ 1D NO: 2 "(two in a luciferase moiety, one in the processing cleavage region, and one in YFP). Therefore, the processing cleavage region may comprise not only the cleavage point (KR) but also further an additional sequence having an auxiliary portion for the enzyme to recognize and be able to cleave the cleavage point, which scarcely or does not affect the cleavage at all. One example of the processing cleavage region includes "SEQKQLQKRGFFGTGG" (SEQ ID NO: 3) for the processing enzyme (PC1).

Please replace the paragraph on page 15, lines 33-35 with the following amended paragraph:

Fig. 1 shows constructs where a processing site (A) (SEQ ID NO: 3), a mutated processing site (B) (SEQ ID NO: 4) or deleted processing site (C) (SEQ ID NO: 5) is inserted into an energy transferable secretory chimera protein.

Please replace the paragraph on page 16, lines 1-4 with the following amended paragraph:

Fig. 2 shows DNA sequences of regions where a processing site (A) (SEQ ID NOS: 6 and 9), a mutated processing site (B) (SEQ ID NOS: 7 and 10) or deleted processing site (C) (SEQ ID NOS: 8 and 11) is inserted into an energy transferable secretory chimera protein.